Ali Yuzir

List of Publications by Year
in descending order

73 papers	1,143 citations	430874 18 h-index	477307 29 g-index
75 all docs	75 docs citations	75 times ranked	1265 citing authors

#	Article	IF	Citations
1	Application of Box-Behnken design to mineralization and color removal of palm oil mill effluent by electrocoagulation process. Environmental Science and Pollution Research, 2023, 30, 71741-71753.	5.3	11
2	Production of Bio-Coke from spent mushroom substrate for a sustainable solid fuel. Biomass Conversion and Biorefinery, 2022, 12, 4095-4104.	4.6	12
3	Discovering future research trends of aerobic granular sludge using bibliometric approach. Journal of Environmental Management, 2022, 303, 114150.	7.8	16
4	Flash flood susceptibility mapping in urban area using genetic algorithm and ensemble method. Geocarto International, 2022, 37, 10199-10228.	3.5	12
5	Review of the application of gasification and combustion technology and waste-to-energy technologies in sewage sludge treatment. Fuel, 2022, 316, 123199.	6.4	82
6	Recent Applications of the Electrocoagulation Process on Agro-Based Industrial Wastewater: A Review. Sustainability, 2022, 14, 1985.	3.2	32
7	Removals of atenolol, gliclazide and prazosin using sequencing batch reactor. Materials Today: Proceedings, 2022, 65, 3007-3014.	1.8	2
8	The selectivity of electron acceptors for the removal of caffeine, gliclazide, and prazosin in an up-flow anaerobic sludge blanket (UASB) reactor. Chemosphere, 2022, 303, 134828.	8.2	16
9	Future trends and patterns in leachate biological treatment research from a bibliometric perspective. Journal of Environmental Management, 2022, 318, 115594.	7.8	16
10	A brief review on biochemical oxygen demand (BOD) treatment methods for palm oil mill effluents (POME). Environmental Technology and Innovation, 2021, 21, 101258.	6.1	17
11	Effect of organic loading rate on the performance of modified anaerobic baffled reactor treating landfill leachate containing heavy metals. Materials Today: Proceedings, 2021, 46, 1913-1921.	1.8	10
12	Rapid Development of Microalgae-Bacteria Granular Sludge Using Low-Strength Domestic Wastewater. Journal of Water and Environment Technology, 2021, 19, 96-107.	0.7	12
13	Photocatalytic Removal of Malachite Green and Brilliant Blue Dyes from its Aqueous Solution: A Case Study of Factorial Experimental Design. Journal of the Mexican Chemical Society, 2021, 65, .	0.6	0
14	Synthesis and characterization of Cu(OH)2-NWs-PVA-AC Nano-composite and its use as an efficient adsorbent for removal of methylene blue. Scientific Reports, 2021, 11, 5686.	3.3	22
15	Potential of Microalgae in Bioremediation of Wastewater. Bulletin of Chemical Reaction Engineering and Catalysis, 2021, 16, 413-429.	1.1	26
16	Study of oil sorption behaviour of esterified oil palm empty fruit bunch (OPEFB) fibre and its kinetics and isotherm studies. Environmental Technology and Innovation, 2021, 22, 101397.	6.1	13
17	Occurrence and Distribution of 17 Targeted Human Pharmaceuticals in Various Aquatic Environmental Matrices in Southeast Asia with Particular Reference to Malaysia: A Comprehensive Review. Journal of the Mexican Chemical Society, 2021, 65, .	0.6	6
18	Pharmaceutical compounds in anaerobic digestion: A review on the removals and effect to the process performance. Journal of Environmental Chemical Engineering, 2021, 9, 105926.	6.7	22

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19	Indonesian Kaolin supported nZVI (IK-nZVI) used for the an efficient removal of Pb(II) from aqueous solutions: Kinetics, thermodynamics and mechanism. Journal of Environmental Chemical Engineering, 2021, 9, 106483.	6.7	25
20	Assessment of changing pattern of crop water stress in Bangladesh. Environment, Development and Sustainability, 2020, 22, 4619-4637.	5.0	26
21	Community responses on effective flood dissemination warningsâ€"A case study of the December 2014 Kelantan Flood, Malaysia. Journal of Flood Risk Management, 2020, 13, .	3.3	16
22	Optimizing Ammonia Removal from Landfill Leachate Using Natural and Synthetic Zeolite Through Statically Designed Experiment. Arabian Journal for Science and Engineering, 2020, 45, 3657-3669.	3.0	6
23	Various applications of aerobic granular sludge: A review. Environmental Technology and Innovation, 2020, 20, 101045.	6.1	45
24	Anammox reactor treating low strength domestic wastewater: a review. IOP Conference Series: Earth and Environmental Science, 2020, 479, 012021.	0.3	1
25	Diatomite carrier for rapid formation of Aerobic Granular Sludge. IOP Conference Series: Earth and Environmental Science, 2020, 479, 012028.	0.3	2
26	Application of carbon nanotubes and graphene to develop the heavy metal electrochemical sensor. IOP Conference Series: Earth and Environmental Science, 2020, 479, 012036.	0.3	2
27	A review of climate change (floods) and economic attributes response to residential property value in Malaysia. Journal of Water and Climate Change, 2020, 11, 1084-1094.	2.9	2
28	Electrochemical Degradation of Metoprolol Using Graphite-PVC Composite as Anode: Elucidation and Characterization of New by-products Using LC-TOF/MS. Journal of the Mexican Chemical Society, 2020, 64, .	0.6	1
29	Synthesis of Copper Oxide Nanowires-Activated Carbon (AC@CuO-NWs) and Applied for Removal Methylene Blue from Aqueous Solution: Kinetics, Isotherms, and Thermodynamics. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 1658-1668.	3.7	30
30	Parametric Assessment of Seasonal Drought Risk to Crop Production in Bangladesh. Sustainability, 2019, 11, 1442.	3.2	48
31	Electro-transformation of mefenamic acid drug: a case study of kinetics, transformation products, and toxicity. Environmental Science and Pollution Research, 2019, 26, 10044-10056.	5.3	3
32	Prediction of shear wave velocity in underground layers using Particle Swarm Optimization. IOP Conference Series: Materials Science and Engineering, 2019, 527, 012012.	0.6	2
33	Removal efficiency of Gram-positive and Gram-negative bacteria using a natural coagulant during coagulation, flocculation, and sedimentation processes. Water Science and Technology, 2019, 80, 1787-1795.	2.5	20
34	The fate of prazosin and levonorgestrel after electrochemical degradation process: Monitoring by-products using LC-TOF/MS. Journal of Environmental Sciences, 2018, 74, 134-146.	6.1	9
35	Global trends in environmental management system and ISO14001 research. Journal of Cleaner Production, 2018, 170, 645-653.	9.3	68
36	Elucidation and Characterization of New Chlorinated By-Products after Electrochemical Degradation of Hydrochlorothiazide Using Graphiteâ€"Poly Vinyl Chloride Electrode. Catalysts, 2018, 8, 540.	3.5	6

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37	Development and validation of a comprehensive solid-phase extraction method followed by LC-TOF/MS for the analysis of eighteen pharmaceuticals in influent and effluent of sewage treatment plants. Analytical and Bioanalytical Chemistry, 2018, 410, 4829-4846.	3.7	15
38	Multi-parametric modelling and kinetic sensitivity of microalgal cells. Algal Research, 2018, 32, 259-269.	4.6	4
39	Determination of theobromine and caffeine in some Malaysian beverages by liquid chromatography-time-offlight mass spectrometry. Tropical Journal of Pharmaceutical Research, 2018, 17, 529.	0.3	3
40	Evaluating the organizational intention to implement an Environmental Management System: evidence from the Indonesian food and beverage industry. Business Strategy and the Environment, 2018, 27, 1385-1398.	14.3	14
41	Enhancing methane production of palm oil mill effluent using two-stage domesticated shear-loop anaerobic contact stabilization system. Journal of Cleaner Production, 2018, 200, 971-981.	9.3	5
42	Producing desulfurized biogas using two-stage domesticated shear-loop anaerobic contact stabilization system. Waste Management, 2018, 78, 770-780.	7.4	1
43	Transportation of Different Therapeutic Classes of Pharmaceuticals to the Surface Water, Sewage Treatment Plant, and Hospital Samples, Malaysia. Water (Switzerland), 2018, 10, 916.	2.7	10
44	Removal of Acid Blue25 from aqueous solutions using Bengal gram fruit shell (BGFS) biomass. International Journal of Phytoremediation, 2017, 19, 431-438.	3.1	12
45	Impact of (RS)-MCPP herbicide and sulphate on the treatment performance, kinetics and microbial diversity of anaerobic membrane bioreactor. Journal of Environmental Chemical Engineering, 2017, 5, 5389-5395.	6.7	3
46	Towards Sustainable Food Production: Exploring the Opportunities and Challenges in Indonesia. Advanced Science Letters, 2017, 23, 8505-8510.	0.2	0
47	Optimization of methane production process from synthetic glucose feed in a multi-stage anaerobic bioreactor. Desalination and Water Treatment, 2016, 57, 29168-29177.	1.0	3
48	Assessing the treatment of acetaminophen-contaminated brewery wastewater by an anaerobic packed-bed reactor. Journal of Environmental Management, 2016, 168, 273-279.	7.8	17
49	FABRICATION OF MIXED MATRIC MEMBRANE INCORPORATED WITH MODIFIED SILICA NANOPARTICLES FOR BISPHENOL A REMOVAL. Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.4	4
50	A proposed aerobic granules size development scheme for aerobic granulation process. Bioresource Technology, 2015, 181, 291-296.	9.6	25
51	Rheological and fractal hydrodynamics of aerobic granules. Bioresource Technology, 2015, 186, 276-285.	9.6	16
52	Integration of microalgae biomass in biomethanation systems. Renewable and Sustainable Energy Reviews, 2015, 52, 1610-1622.	16.4	29
53	Impact of hydraulic retention time on the performance and archaea populations of an anaerobic reactor treating synthetic Tylosin wastewater. Desalination and Water Treatment, 2014, 52, 3647-3653.	1.0	3
54	Biological pre-treated oil palm mesocarp fibre with cattle manure for biogas production by anaerobic digestion during acclimatization phase. International Biodeterioration and Biodegradation, 2014, 95, 189-194.	3.9	21

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55	Effect of Mecoprop (RS)-MCPP on the biological treatment of synthetic wastewater in an anaerobic membrane bioreactor. Bioresource Technology, 2013, 133, 158-165.	9.6	10
56	Influence of palm oil mill effluent as inoculum on anaerobic digestion of cattle manure for biogas production. Bioresource Technology, 2013, 141, 174-176.	9.6	37
57	Characterization of aerobic granular sludge treating high strength agro-based wastewater at different volumetric loadings. Bioresource Technology, 2013, 127, 181-187.	9.6	71
58	Impact of the herbicide (RS)-MCPP on an anaerobic membrane bioreactor performance under different COD/nitrate ratios. Bioresource Technology, 2012, 109, 31-37.	9.6	12
59	Performance of an innovative multi-stage anaerobic reactor during start-up period. African Journal of Biotechnology, 2011, 10, 11294-11302.	0.6	10
60	Cultivation of oyster mushroom (Pleurotus spp.) on palm oil mesocarp fibre. African Journal of Biotechnology, 2011, 10, .	0.6	9
61	Influence of step increases in hydraulic retention time on (RS)-MCPP degradation using an anaerobic membrane bioreactor. Bioresource Technology, 2011, 102, 9456-9461.	9.6	9
62	Influence of organic loading on the performance and microbial community structure of an anaerobic stage reactor treating pharmaceutical wastewater. Desalination, 2011, 271, 257-264.	8.2	76
63	Tolerance of the antibiotic Tylosin on treatment performance of an Up-flowAnaerobic Stage Reactor (UASR). Water Science and Technology, 2011, 63, 1599-1606.	2.5	20
64	Full Factorial Experimental Design for Carbamazepine Removal Using Electrochemical Process: a Case Study of Scheming the Pathway Degradation. Journal of the Brazilian Chemical Society, 0, , .	0.6	5
65	Can anaerobic intermediate stages affect the biotransformation and sorption of pharmaceutical compounds?. , 0, 222, 313-321.		2
66	Effect of organic loading rate (OLR) on the performance of modified anaerobic baffled reactor (MABR) supported by slanted baffles. , 0, 79, 56-63.		12
67	Addition of ferric chloride in anaerobic digesters to enhance sulphide removal and methanogenesis. , 0, 79, 64-72.		5
68	Kaolin-nano scale zero-valent iron composite (K-nZVI): synthesis, characterization and application for heavy metal removal. , 0, 100, 168-177.		8
69	Landfill leachate treatment by an anaerobic process enhanced with recyclable uniform beads (RUB) of seaweed species of Gracilaria. , 0, 143, 208-216.		8
70	Adsorption of acid blue 25 from aqueous solution using zeolite and surfactant modified zeolite. , 0, 150, 348-360.		13
71	Effect of cetyltrimethylammonium bromide on the biosorption of Acid Blue 25 onto Bengal gram fruit shell. , 0, 150, 386-395.		3
72	Qualitative methods to identify potential strains for partial degradation of oil palm mesocarp fibre. , 0, , 280-286.		1

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73	Performance of an up-flow anaerobic sludge bed (UASB) reactor for treating landfill leachate containing heavy metals and formaldehyde. , 0, 86, 51-58.		5